BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH
RAYMOND C. STEWART
JOSEPH A. KOLASCH
JAMES M. SLATTERY
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY, JR. F.
LEONARD R. SVENSSON
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
JOHN W. BAILEY
MARK J. NUELL, PH.D.
JAMES T. ELLER, JR.
D. RICHARD ANDERSON
THOMAS M. SMALL*
ROBERT A. SELDON*
JOHN A. SCILLIERI*
SANFORD ASTOR*



OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
BERNARD L. SWEENEY*
ELLIOT A. GOLDBERG*
WILLIAM L. GATES*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)*
F. PRINCE BUTLER
FRED S. WHISENHUNT (RET.)
JAMES W. HELLWEGE
QUENTIN R. "RICK" CORRIE
ROBERT F. GNUSE
DAVID R. MURPHY
ROBERT M. ASHEN*
MICHAEL R. CAMMARATA

*ADMITTED TO A BAR OTHER THAN VA.

INTELLECTUAL PROPERTY LAW

8110 GATEHOUSE ROAD SUITE 100 EAST FALLS CHURCH, VA 22042-1248 USA

(703) 205-8000

FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

CALIFORNIA OFFICES: COSTA MESA, CALIFORNIA LOS ANGELES, CALIFORNIA SCOTT L. LOWE
PAUL C. LEWIS
RICHARD J. GALLAGHER
MARYANNE ARMSTRONG, PH.D.
KECIA J. REYNOLDS
KALPANA REDDY
ESTHER H. CHONG
CATHERINE M. VOISINET*
EUGENE T. PEREZ
CAROLYN T. BAUMGARDNER*
MARTIN R. GEISSLER*
J. ALISON GRABELL*
T. BENJAMIN SCHROEDER, PH.D.
PERCY L. SQUARE
HYUNG N. SOHN
CLINT A. GERDINE
CRAIG A. McROBBIE
WILLIAM F. NIXON*
DANIEL K. DORSEY
MATTHEW T. SHANLEY

REG. PATENT AGENTS:
FREDERICK R. HANDREN
MAKI HATSUMI
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
KRISTI L. RUPERT, PH.D.
SUSAN W. GORMAN, PH.D.
SUSAN W. GORMAN, CH.D.
CHAD J. BILLINGS
CHRISTINE V. CASTILLO
CARL T. THOMSEN
SAM BHATTACHARYA
BRADLEY C. FACH

Date: September 12, 2003

Docket No.: 0630-1837P

MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s):

SEO, Sang-Il; HWANG, Ha-Jin;

JOUNG, Chul-Yong; JO, Nam-Seok and

HAN, Dong-Il

For: APPARATUS AND METHOD FOR RESTORING ACTIVE SIGNAL AND

SYNCHRONOUS SIGNAL

Enclosed are:

oxtimes A specification	consisting	of	Thirty	(30)	pages
-------------------------	------------	----	--------	------	-------

⊠ Eight (8) sheet(s) formal drawings

An assignment of the invention

Applicant claims small entity status under 37 C.F.R. § 1.27

Applicant does not claim priority

\boxtimes	Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). 2002-0056201 and 2002-0056205 filed in Korea on September 16, 2002. Certified copy(ies) is(are) attached hereto. Certified copy(ies) will follow.
\boxtimes	Executed Declaration (\boxtimes Original \square Photocopy)
	Application Data Sheet in accordance with 37 C.F.R. § 1.76
\boxtimes	Preliminary Amendment
	Information Disclosure Statement, PTO-1449 and reference(s)
	Other:
	Applicant requests early publication - \$300.00 publication fee
	Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY	
	BASIC FEE		\$750.00	\$375.00	
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE	
TOTAL	19- 20 =	0	X 18 = \$0.00	x 9 = \$0.00	
INDEPENDENT CLAIMS	3- 3 =	0	x 84 = \$0.00	x 42 = \$0.00	
MULTIPLE DEPENDENT CLAIMS PRESENTED		+ \$280.00	+ \$140.00		
		TOTAL	\$750.00	\$0.00	

A check in the amount of \$790.00 to cover the filing fee and recording fee (if applicable) is enclosed.

Docket No. 0630-1837P

- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- $oxed{oxed}$ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By James T. Eller, Jr., #39,538

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

JTE/smt 0630-1837P

Attachment(s)

(Rev. 08/21/03)